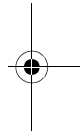
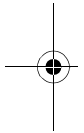


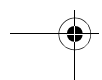
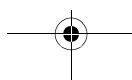
Cat. No. 60-4241
OWNER'S MANUAL

Please read before using this equipment.

Turmoil



RadioShack®



INTRODUCTION

Your Radioshack Turmoil can make you a winner! The car's precise steering gives you control over the road, whether the road is the sidewalk outside or the hallway in your house. The Turmoil's unique wheel design makes it easy to spin out, flip upside down, and perform many other tricks. Enjoy the excitement of the Turmoil's speed and amazing stunts!

The Turmoil comes in two frequencies, 27 MHz or 49 MHz. You can compete with a friend, provided you and your friend use different frequencies. Check the car's box to see which frequency your car uses.

Note: You need these items (not supplied) to power your Turmoil:

- one 9V battery for the transmitter
- one 6V rechargeable battery pack for the car
- one battery pack charger

THE FCC WANTS YOU TO KNOW

Your radio-controlled car or its transmitter might cause TV or radio interference even when it is operating properly. To determine whether your truck or transmitter is causing the interference, turn off the car and the transmitter. If the interference goes away, your car or transmitter is causing the interference.

Try to eliminate the interference by:

- moving your car and transmitter away from the TV or radio
- contacting your local RadioShack store for help

If you cannot eliminate the interference, the FCC requires that you stop using the car.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

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PREPARATION

INSTALLING BATTERIES

Warning: Dispose of an old battery and battery pack promptly and properly; do not bury or burn them.

Cautions:

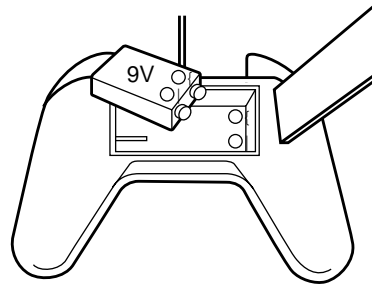
- Use only a fresh battery of the required size and recommended type
- If you do not plan not use the car for a week or more, remove the battery from the transmitter and the battery pack from the car. Batteries can leak chemicals that can damage electronic parts.
- Never leave a dead or weak battery in the transmitter or the car.

In the Transmitter

You need one 9V battery to power the transmitter. We recommend a RadioShack alkaline battery.

1. Slide the transmitter's **OFF/ON** switch to **OFF**.
2. Slide the battery compartment cover in the direction of the arrow marked on it.

3. Put the battery in the compartment as indicated by the polarity symbols (+ and -) marked inside.



4. Replace the cover.

When the transmitter's range decreases, replace its battery.

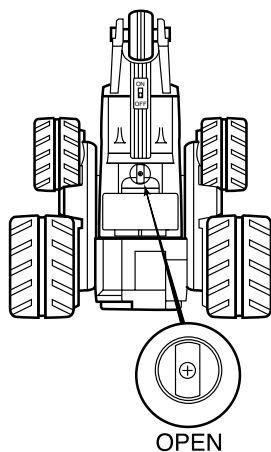
In the Car

You need one 6V rechargeable battery pack to power the car's motor. Before you use the battery pack, you must charge it using a special battery pack charger, available from your local RadioShack store. Follow the charger's instructions to charge the battery pack, then follow these steps to install the battery pack in the racer.

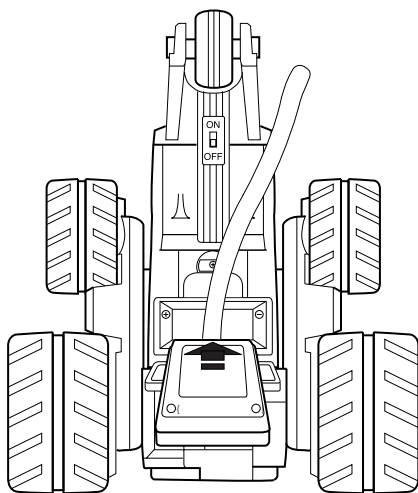
Note: If you want to drive the car for longer periods of time, we suggest that you purchase an extra battery pack. You can charge one while you use the other.

1. Slide the car's **ON/OFF** switch to **OFF**.

2. Turn the latch on the battery compartment cover, then open the cover.



3. Put the battery pack into the compartment and on top of the attached ribbon, with the arrow on the pack pointing up and the polarity symbols (+ and -) on the battery pack aligned with the symbols on the car.



Caution: If you cannot insert the battery pack all the way in, do not force it. Make sure you are putting it in the correct way, according to the polarity symbols.

4. Close the cover and replace the latch.

If the car loses power or does not respond to the transmitter, remove the battery pack and recharge it.

Cautions:

- Use only the recommended battery pack and charger.
- Do not charge or recharge the battery pack while it is in the car.
- After you charge or recharge the battery pack, disconnect it from the charger. Overcharging the battery pack could damage it.
- Do not recharge a battery pack immediately after use (while it is still hot). Allow it to cool first.

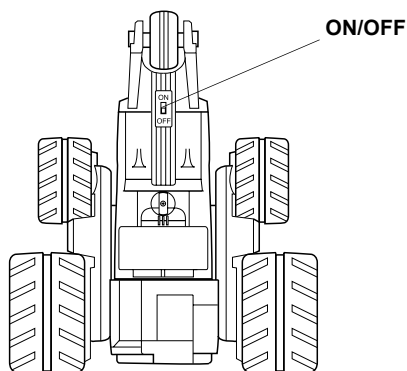
Important: At the end of the battery pack's useful life, it must be recycled or disposed of properly. Contact your local county, or state hazardous waste-management authorities for information on recycling or disposal programs in your area. Some options that might be available are: municipal curb-side collection, drop-off boxes at retailers such as your local Radioshack store, recycling collection centers, and mailback programs.

OPERATION

Warnings:

- This car can reach much higher speeds than most radio-controlled cars. Be careful when you use the car to avoid high-impact collisions with people and objects.
- To avoid crashes, always watch where the car is going.
- Never play with the car in the street.

1. Carefully unfold the transmitter's antenna.
2. Slide the transmitter's **OFF/ON** switch to **ON**.
3. Slide the car's **ON/OFF** switch to **ON**.



4. Use the transmitter's controls to drive and steer the car. See "Using the Controls" for details on each control's function and how to use them.

Caution: If the car gets stuck under an object, immediately slide the transmitter's **OFF/ON** switch to **OFF**, then retrieve the car.

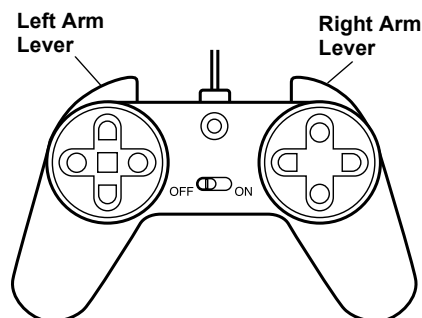
Note: The control range might be reduced when the car's antenna is very close to the ground.

5. When you finish driving the car, slide the **ON/OFF** switch to **OFF** and the transmitter's **OFF/ON** switch to **OFF**.

USING THE CONTROLS

Basic Movements

Each button on the transmitter has a basic function. You can make the Turmoil move in unique ways by combining their functions.



△ — moves the car forward. (Both the left and right wheels rotate forward.)

▽ — moves the car backward. (Both the left and right wheels rotate in reverse.)

To turn left, press ◁ while holding △.

To turn right, press ▷ while holding △.

To spin the car right, press \triangle and \triangleright .

To spin the car left, press \triangle and \triangleleft .

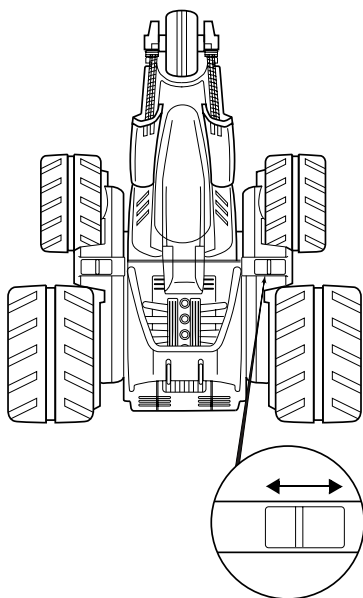
Hint: You might be able to get better spinning action by setting **2WD/4WD** to **2WD** position. (See "Peeling Out.")

Right Arm Lever — raises the arms.

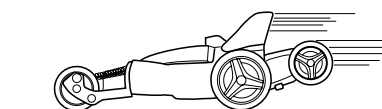
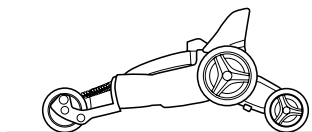
Left Arm Lever — lowers the arms.

Peeling Out

1. Set the **2WD/4WD** levers to the **2WD** position.



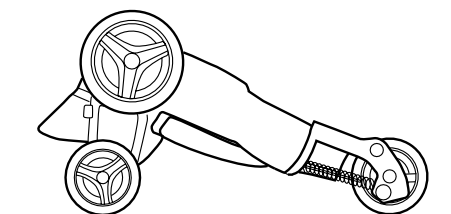
2. Hold down the transmitter's left arm lever until the arms move to the position shown.



3. Hold down \triangle . The wheels run but the car remains stationary.
4. Hold down the right arm lever so the arms raise. When the wheels reach the ground, the car peels out.

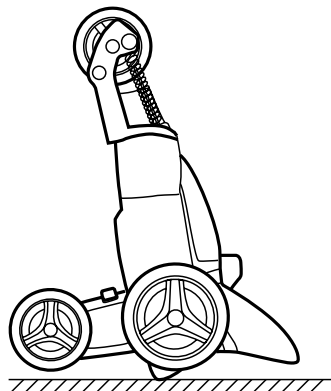
Upside Down

1. Set the **2WD/4WD** levers to the **4WD** position.
2. Hold down the transmitter's right arm lever until the arms move to the position shown.

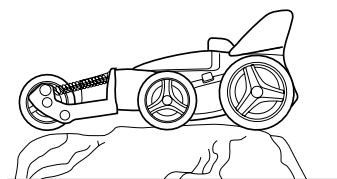
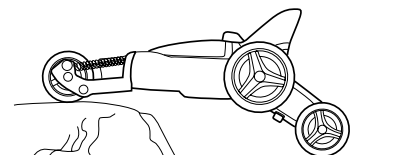
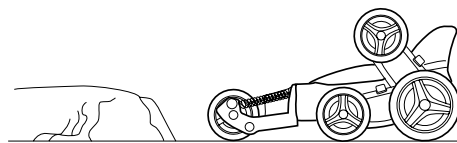


3. Press ∇ to move forward or \triangle to move backward (remember, the car is upside down, so directions are reversed).

Stunt Spin



1. Hold down the transmitter's right arm lever until the arms are positioned as shown.
2. Press ◀ or ▶ to spin.



3. Once the front wheel climbs, press the left arm lever so the arm returns to original position.

Stepping Up

1. Set the **2WD/4WD** levers to the **4WD** position.
2. While driving the car forward, press the transmitter's right arm lever so the car climbs up.

You can position the wheel arms in many different ways for a variety of unique affects.

HELPFUL HINTS

These hints can help you get the most enjoyment from your car.

- Running your car continuously for long periods generates high heat levels. Heat causes the most wear and tear on the motor. To help keep heat levels down, when your car's battery pack runs down, let the car cool at least 10 minutes before installing a newly charged battery pack.
- If someone uses a CB nearby, it might interfere with control of the car. If this happens, move the car away from the CB.
- You cannot operate your car near devices with transmitters that use the same frequency as your car (27 MHz or 49 MHz).
- Be sure the car is not out of the transmitter's range. The range depends on the surroundings and on battery strength. Obstructions (such as buildings, fences, and so on) between the transmitter and the car reduce the range.
- The car has a special circuit to prolong battery life. If you keep pressing a control button on the remote control continuously for about 30 seconds, the car automatically shuts off and stops. If this happens, release the button and press another to continue driving.
- If the car moves slowly and you have installed a fully charged battery pack, check the wheel mechanism for lint, thread, hair, or dust.

CARE

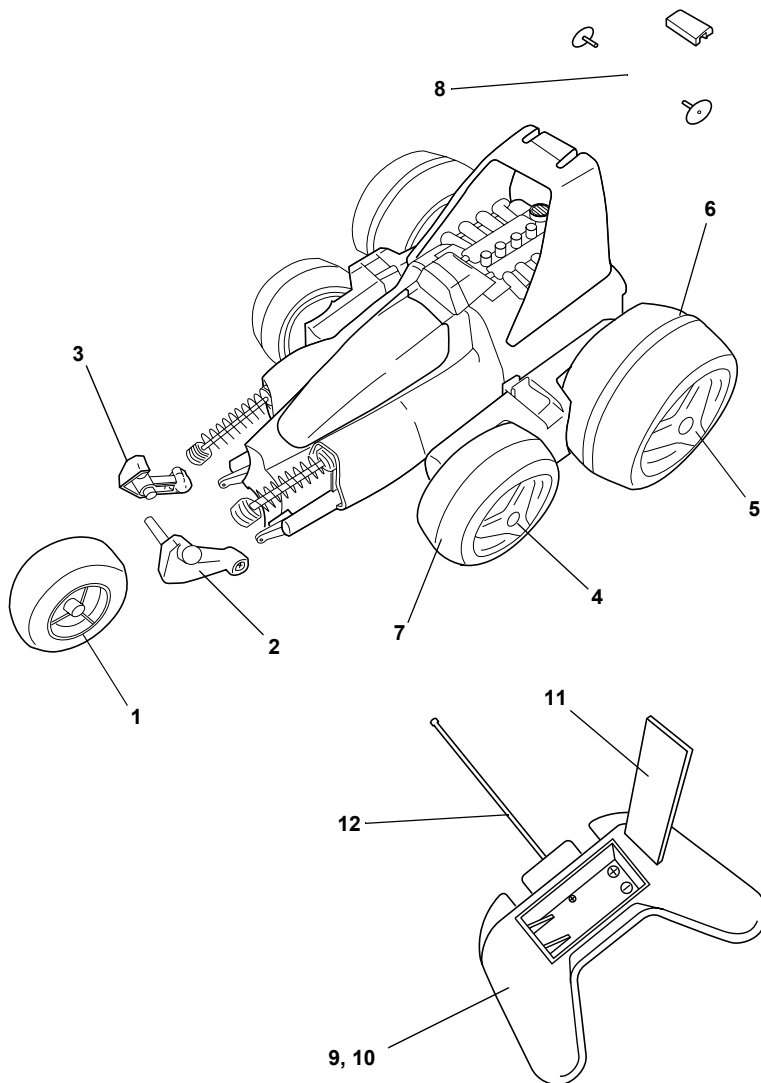
The following suggestions will help you care for your car so you can enjoy it for years.

- Do not drive the car through puddles or mud, on a wet floor, or in sand, rain, or snow. These can damage it.
- Do not expose the car or transmitter to temperature extremes, and do not store them in direct sunlight or near a heat source.
- Do not leave the car or transmitter outside overnight. Night dampness can damage their electronic circuits.
- To protect the car's mechanisms from lint and hair, do not drive the car on carpet.
- Wipe the car and transmitter with a damp cloth occasionally to keep them looking new. Do not use harsh chemicals to clean them.

Modifying or tampering with the car's or transmitter's internal components can cause a malfunction and might invalidate the car's warranty and void your FCC authorization to operate it. If your car is not performing as it should, take it and the transmitter to your local RadioShack store for assistance.

USER-REPLACEABLE PARTS

You can order these easily replaceable parts for your car at your local RadioShack store. Simply identify the part(s) you need from this exploded view, then find the part number in "Parts List" on Page 11.



PARTS LIST

Reference #	Description	NP #	RSU #
1	<i>Small Tire Assembly, consisting of:</i> Small Wheel Small Tire	Z-92038	12184768
2	Left Wheel Panel	Z-92039	12184776
3	Right Wheel Panel	Z-92040	12184784
4	Medium Sized Wheel	Z-92041	12184792
5	Large Wheel	Z-92042	12184800
6	Large Tire	Z-92043	12184818
7	Medium Sized Tire	Z-92044	12184826
8	<i>Roller Set consisting of:</i> Roller Rivet Shaft J 2.5 × 15 Wing Cover B	RA-90370	12184834
9	Transmitter (27 MHz)	ZA-90222	12184842
10	Transmitter (49 MHz)	ZA-90223	12184859
11	Battery Door (Transmitter)	DB-91056	12184867
12	Rod Antenna (Transmitter)	A90219	12189965
13*	Owner's Manual	MU6004241	12189981
14*	Service Manual	MS6004241	12189973

*Not pictured.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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